



### Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	160
Rated insulation voltage $U_i$ IEC/EN	V	1000
Rated impulse withstand voltage $U_{imp}$	kV	12
Operating current $I_e$		
AC-31B		
400V	A	160
500V	A	160
690V	A	160
AC-32B		
400V	A	160
500V	A	160
690V	A	160
AC-33B		
400V	A	160
500V	A	160
690V	A	160
Power dissipation per pole max	W	4
Rated operational power AC23A		
400V	kW	90
690V	kW	134
Reactive power for control of capacitors at		
Rated short time current (1s) $I_{cw}$ (rms)	kA	6
Rated short time current (0.3s) $I_{cw}$ (rms)	kA	12
Conditional short-circuit current (rms)	kA	100
Short-circuit protection with fuse	Class/A	gG/160
Making capacity AC23A 400V	A	1600
Breaking capacity AC23A 400V	A	1280
Mechanical life	cycles	20000

### Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type	M8 x 20
Tightening torque for terminals		
min	Nm	15
max	Nm	22
min	lbin	132
max	lbin	194
Conductor section		
IEC min	mm <sup>2</sup>	70
IEC max	mm <sup>2</sup>	185
AWG/kcmil min		00

AWG/kcmil max    kcmil    400

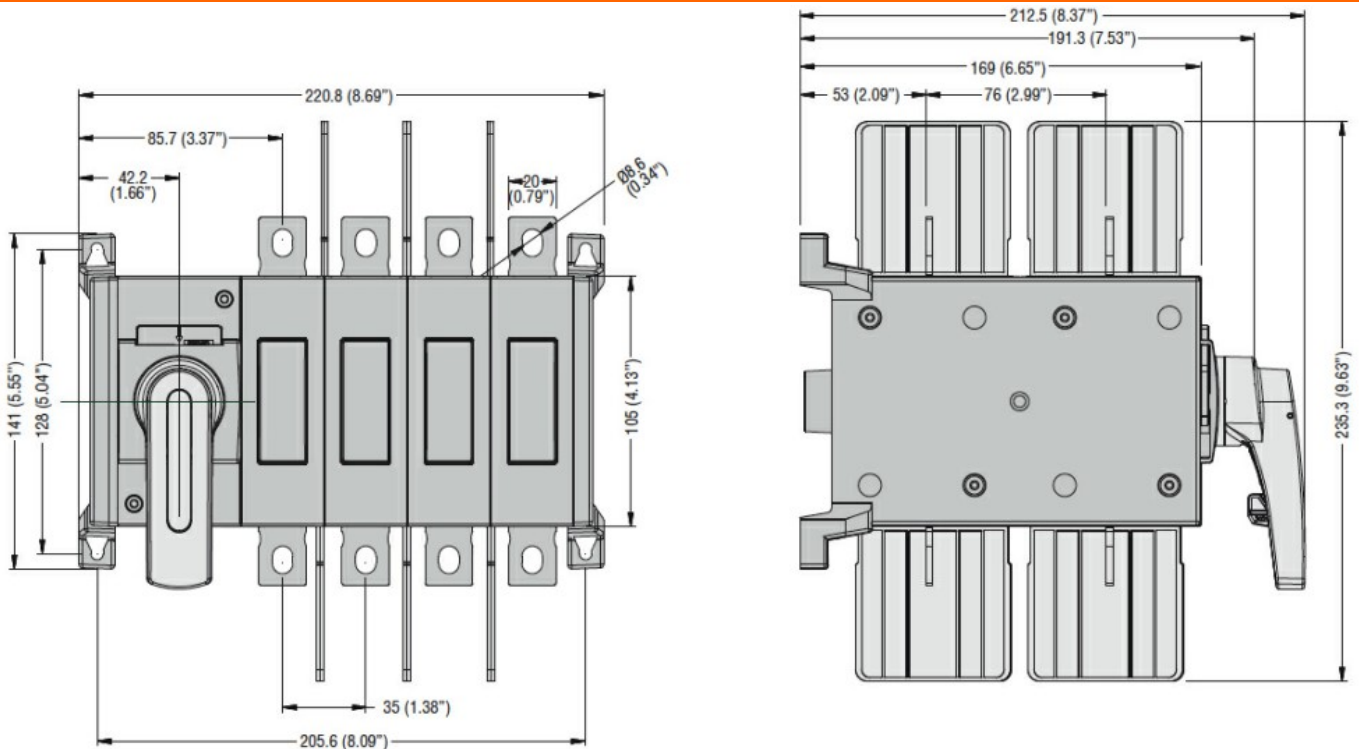
**UL technical data**

UL Standard			UL1008
General purpose current rating			A    100
Horsepower/FLA current three phase motor			
	240V	HP/A	30/80
	480V	HP/A	75/96
	600V	HP/A	100/99
Short circuit rating			kA rms    200
Short circuit rating with fuse			Class/A    J/100
UL Terminal kit lugs			GLX500 - GLX501
Minimum enclosure dimensions at rated current	mm	mm	400 x 250 x 150
	in	in	15.8 x 9.9 x 5.9

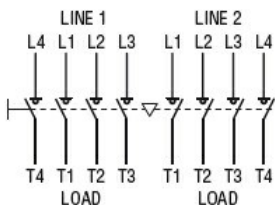
**Ambient conditions**

Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude			m    3000

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Compliance

IEC/EN 60947-1
IEC/EN 60947-3
IEC/EN 60947-6-1

Certifications

cULus

**ETIM classification**

ETIM 8.0

EC000216 -  
Switch  
disconnecter